

**Kingston Water Department Emergency
Update
February 20, 2015 8am**

- Despite the extreme cold, Arold Construction continues to work and was able to complete the coffer dam and remove most of the concrete from the 18-inch transmission main. There appears to be a 5-ft long crack that runs along the length of the main on its top. Work will continue on concrete removal and the interior of the main will be TV'd to confirm the full extent of the damage. The impacted section will be removed and new main will be inserted into the line, using couplings. Work will not be concluded by days end and we are now hoping that repairs could be completed by late Saturday. The City DPW has lent us their light tower so work can continue after dark.
- Unfortunately when the concrete was removed, it became apparent that the upstream valve was not holding and was leaking at a rate of about 0.5 MGD. Our distribution personnel were able to get a complete shut down by about 5PM yesterday. The leak caused further decline in the Binnewater Reservoir and the elevation sensor is out of the water, making it impossible for staff to determine the level. It is hoped that we have stopped the decline in the Reservoir and are having the level checked by the survey crew from Brinnier and Larios twice daily. We will report its status as soon as that information is available. If the Reservoir continues to decline, we will be racing to complete the repair before we run out of water.
- Overnight Wednesday, we were able to fill our Glen Street Tank and, as a result, the UC Tank at Golden Hill was filled on Thursday. A standby pump was delivered yesterday and, if necessary, we will be able to fill the Golden Hill tank in that manner by pumping from a City hydrant into one connected to the Golden Hill Water System.
- We continue to be supplied with approximately 900,000 gallons per day from the Ulster Water District. We are grateful to the Town for their continued support and cooperation. Without their assistance the KWD would not be able to meet City demand due to our ability to deliver only 3 MGD with the transmission main out of service.
- We are also grateful to the Town of Kingston for their kind assistance. Supervisor Paul Landi and Highway Superintendent Ed Moore have provided us with a staging area for our equipment and are assisting residents in obtaining water from the tanker that is parked next to the highway garage.
- Throughout this emergency, we have had the assistance and support of our partners at the Ulster County Health Department. We have been in near constant communication with Shelley Mertens, Director of Environmental Sanitation, and her staff to ensure the integrity of the water system and the protection of the public health.